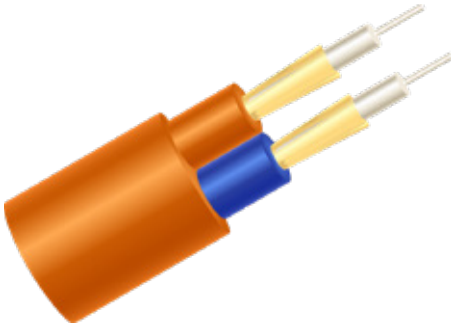


Duplex 2.2 mm Step-Index 200 μ m HCS[®] Fiber Optic Cable

P/N: BC05775



Overview

OFS 2.2 mm HCS fiber optic cables are designed primarily for industrial data-communication applications. Taking advantage of the durability and toughness of HCS optical fibers, these tight-buffer cables surround the fiber with high-strength aramid yarn and are protected with tough 2.2 mm diameter color coded subunits and further protected with a PVC oval outer jacket.

Typical Applications

650 or 850 nm Devices
Factory Automation
Industrial Communications
Laser Power Delivery
Near-IR Spectroscopy

Product Specifications	
Product Description	Duplex 2.2 mm Step-Index 200 μ m Fiber Optic Cable
Physical Characteristics	
Construction	Duplex
Numerical Aperture	0.37
Fiber Core Diameter	200 \pm 4 μ m
Sub-Unit Diameter	2.2 \pm 0.1 mm
Outer Cable Diameter	3.2 x 5.4 mm
Cable Weight	17.5 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Orange
Crimp & Cleave Compatibility	F07, SMA, ST, and V-Pin Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	\leq 6 dB/km
Fiber Specifications	CF01493-10, 200 μ m HCS 0.37 NA Low OH Optical Fiber
Mechanical and Environmental	
Installation Load (Maximum)	33 lb. (147 N)
Operating Load (Maximum)	16 lb. (71 N)
Minimum Bend Installation	48 mm
Minimum Bend Operating	32 mm
Operating Temperature	-20 to +80 $^{\circ}$ C
Storage Temperature	-40 to +80 $^{\circ}$ C
Order by Part Number	BC05775
Product Description Code	HCP-M0200T-V02VD

OPTIONS: Jacket color, print legend, terminated assemblies

NOTE: The operating temperature ranges are general guidelines. Consult with our Technical Sales department to determine the optimal coating and jacketing material for your specific application.
1.860.678.6636.

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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